

SECTION 10300 - METAL FIREPLACES

PART 1 GENERAL

1.01 Scope

- A. Provide labor and materials necessary to install metal fireplaces, flue pipe and chimney caps as specified herein and indicated on the drawings.

1.02 Related Work Specified Elsewhere

- A. Documents affecting work of this section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
- B. Rough Carpentry - Refer to Section 06110
- C. Composition Shingles – Refer to Section 07350
- D. Sheet Metal & Flashing - Refer to Section 07600
- E. Gypsum Drywall - Refer to Section 09255

1.03 Submittals

- A. Provide submittals for all fireplaces, decorative surrounds and chimney caps in accordance with Section 01340.

PART 2 PRODUCTS

2.01 Acceptable Manufacturers

- A. Heat-N-Glo Fireplace Products, Inc., Lakeville, MN.
- B. Heatilator, Inc., Mount Pleasant, IA.
- C. Majestic Products Company, Huntington, IN.
- D. Superior Fireplace Company (FireCraft Technologies), Fullerton, CA.
- E. Temco Fireplaces, Nashville, TN.
- F. Napoleon Fireplaces, Barrie, Ontario
- G. Others as approves by the Architect in accordance with Section 01035.

2.02 Dwelling Unit Fireplace Materials

- A. Naturally Direct Vented Natural Gas Burning Fireplace:
 - 1. This unit shall be provided in the B2.0, B2.1, B2.4 and B2.5 Apartment Units.
 - 2. Prefabricated units, designed for naturally vented gas burning see through with refractory lined at bottom and sides. Bi-fold glass doors, log grate, flue, factory built rain caps, elbows, firestop spacers, chase flashing, and decorative chase termination caps, wall switch for on/ off operation.
 - 3. Flues shall be U. L. approved double wall B-Vent construction properly sized to

- the firebox and chimney heights.
- 4. Conform to NFPA Standard No. 211, local codes, and be UL listed and labeled.
- 5. Acceptable Products and Manufacturers:
 - a. Majestic NVBR36
 - b. Others as approved by the Owner and Architect.
- B. Naturally Vented Natural Gas Burning "Peninsula" Fireplace:
 - 1. This unit shall be provided in the A3.0 apartment unit only.
 - 2. Prefabricated three sided see-through unit, designed for naturally vented gas burning with refractory lined at back, bottom and sides.
 - 3. Provide bi-fold glass doors, log grate, flue, factory built rain caps, elbows, firestop spacers, chase flashing, and decorative chase termination caps, wall switch for on/ off operation.
 - 4. Flues shall be U. L. approved double wall B-Vent construction properly sized to the firebox and chimney heights.
 - 5. Conform to NFPA Standard No. 211, local codes, and be UL listed and labeled.
 - 6. Acceptable Products and Manufacturers:
 - a. Majestic NVCVR36
 - b. Others as approved by the Owner and Architect.
- C. Fireplace Surrounds: Provide pre-cast fireplace fronts, hearths, and mantles, as indicated on the drawings. Materials shall be or equal to those manufactured by Cast Fireplaces, 1645 Britmore Road, Houston, Texas 77043, (713) 984-9158 as follows:
 - 1. Style "EM-36" for standard fireplaces
 - 2. Style "Peninsula" for the three sided peninsula fireplaces.
- D. Metal Chimney Caps
 - 1. Provide metal chimney caps in sizes, shapes and configurations as indicated on the drawings.
 - 2. Caps shall be constructed of 22 gauge min. galvanized iron. All joints shall be welded tight. **Sealants are not acceptable for joint sealers.**

2.03 Clubhouse Fireplace Materials

- A. Naturally Direct Vented Natural Gas Burning Fireplace:
 - 1. This unit shall be provided inside the Clubhouse:
 - 2. Prefabricated see-through unit, designed for naturally vented gas burning with refractory lined at bottom and sides.
 - 3. Provide bright brass framed bi-fold glass doors, log grate, flue, factory built rain caps, elbows, firestop spacers, chase flashing, and decorative chase termination caps and spark arrestors. Provide natural gas for gas log set.
 - 4. Flues shall be U. L. approved double wall construction properly sized to the firebox and chimney heights.
 - 5. Conform to NFPA Standard No. 211, local codes, and be UL listed and labeled.
 - 6. Acceptable Products:
 - a. Heatilator GDST5244I
 - b. Others as approved by the Owner and Architect.
- B. Fireplace Fronts, Hearths, and Mantles: Refer Interior Designer's drawings and specifications.
- C. Metal Chimney Caps
 - 1. Provide metal chimney caps in sizes, shapes and configurations as indicated on the drawings.
 - 2. Caps shall be constructed of 22 gauge min. galvanized iron. All joints shall be welded tight. **Sealants are not acceptable for joint sealers.**

PART 3 EXECUTION**3.01 Installation**

- A. This Contractor shall furnish and install all fireboxes, pipe sections, elbow, rain caps, flashings, and miscellaneous connectors or stripping. All fireplaces and related equipment shall be installed in accordance with the manufacturer's written specifications.
- B. Install in accordance with approval listings, shop drawings, and in strict accordance with manufacturer's written specifications and recommendations, and in strict accordance with the building code
- C. Chimney flues shall be fire blocked at floor/ceiling and ceiling penetrations. All metal chimneys' penetrating fire rated floor assemblies shall be enclosed in rated shaft assemblies as indicated on the drawings.
- D. The Contractor shall cut through roof deck for the vent pipe. Wood trusses shall not be cut to allow passage of flues without the Architect's written permission.
- E. Offset angle runs equipped with flue supports spaced at 6'-0" centers maximum, secured to building components. Supports for vertical flue spaced in accordance with manufacturer's instructions
- F. Roof flashing and counter flashing shall be installed prior to roofing.
- G. Protective screens shall be installed by this Contractor to the proper length to provide easy movement.
- H. Extend flue above roof curb as required by manufacturer, building code, and approval listing.
- I. All fire boxes and vent pipes shall be securely anchored to prevent any movement and shall have proper clearance from all wood materials. All recommended clearances must be observed for fire protection.
- J. Chimney caps are to be installed in a manner to provide rigidly secured attachments and shall be rendered water tight.
- K. All fireplace decorative surrounds shall be installed in accordance with the manufactures written instructions. All joints and seams shall be aligned and uniform and shall be grouted with approved colored grout materials. Mantels shall be installed in a manner to support a concentrated load of 100 pounds.

END OF SECTION 10300